ATTACHMENT 5 September 2008 - Groundwater Sample Information Sheets

-Facility Name: GP		KEI Project #: 2829e-001/003					
Sample I.D.: 1697		Well Location:					
Sample 1.D., 1891)		Wolf Elocation.					
Monitoring Well	Data	Sample Types (circ	ele all applicable)				
Well Material	(PVC)SS/Teflo						
Inside Diameter, in.	(1246)	Grab/Composite					
Stick up or stick down height		ft Split Sample					
Total depth of well (TD)	35.2	ft Duplicate (Duplicate ID:)				
Depth to product		ft MS/MSD					
Depth to water (DTW)	20.48	ft Other					
T P							
Conventional sampling	⇒ ←OR⇒	Micropurge san	ıpling				
Height of water column		Depth of pump placement	22				
(H = TD - DTW)	ft	(place mid-screen)	32.2 ft				
Conversion value (CV)* x		Bubbles purged from flow cell?	Y / N				
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet	Y / N				
3 Well volumes = =	gal	Was passive sampling used?	Y/N				
Purge method		Flowrate =	mL/min				
	5 / P	ID number from controller console	: #				
*Conversion values (gal/ft): 1" d	ia = 0.04, 2" $dia = 0$	0.16, 4" dia = $0.65, 6$ " dia = 1.47					
Field Test(s) Stability			Result Result				
<u>Performed</u> Range	$\frac{\text{(3 min)}}{\text{(4.3.3)}}$ $\frac{\text{(6 m)}}{\text{(6 m)}}$		(18 min) (21 min)				
Temperature (°C) +/- 3%	16.37 16.6						
Spec. Cond (µmhos) +/- 3%	976 1039						
D.O. (mg/L) +/- 10%*		<u>6 ,34</u>					
pH +/- 0.1							
1 ' '	** - 249.9 - 249.	./ - 240, /					
1 410144)							
$H_2S (mg/L)$ $Fe^{2+} (mg/L)$							
Check stability after three reading	os and every reading	thereafter until achieved.	A STATE OF THE STA				
**Only one of these parameters in							
Only one of these parameters in	itage reach stacking.						
Observations:							
Volume of water purged from we	ell: gallon	S					
Sample Date: 9 /23 /08	Sample	Time: $9:30$ (military time)					
Was metals sample filtered prior		YES MO method: 0.45 μm car	tridge / other:				
Color of water before filtration:	After f	iltration:					
Reaction upon addition of preserv							
Appearance of Water: (Clear/Sli	ghtly Turbid/Turbic						
Well condition: GOOD							
• 							
0		, 1					

cility Name: GP		KEI Project #: 2829e-001/	003
Sample I.D.: 1695		Well Location:	
Monitoring Well D	ata	Sample Typ	oes (circle all applicable)
Well Material	(PVC)SS/Teflo	n) Monitoring Well	
Inside Diameter, in.	(1246)	Grab/Composite	
Stick up or stick down height		ft Split Sample	
Total depth of well (TD)	23.7	ft Duplicate (Duplic	ate ID:)
Depth to product		ft MS/MSD	
Depth to water (DTW)	20.48	ft Other	
Departe water (2 2 1)			
Conventional sampling	(=OR⇒	Micropu	rge sampling
Height of water column		Depth of pump placement	
(H = TD - DTW)	ft	(place mid-screen)	20.7 ft
Conversion value (CV)* x		Bubbles purged from flow	cell? Y/N
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet	Y/N
3 Well volumes =	gal	Was passive sampling used	1? Y/N
Purge method		Flowrate =	mL/min
(B = bailer, P = pump) B/1	P	ID number from controller	console #
*Conversion values (gal/ft): 1" dia		0.16, 4" dia = $0.65, 6$ " dia =	1.47
·	,	,	
ield Test(s) Stability	Result Resu	<u>ılt Result Result R</u>	esult <u>Result</u> <u>Result</u>
Performed Range	(3 min) (6 m	n) (9 min) (12 min) (1:	5 min) (18 min) (21 min)
Temperature (°C) +/- 3%	16.06 16.01	15.98	
Spec. Cond (µmhos) +/- 3%	101/2 101/2	1015	
D.O. (mg/L) +/- 10%**	.86 .87	, 86	
pH +/- 0.1	7.90 7.7	7.79	
ORP (mV) +/- 10 mV^{**}	-31.5 -32.0	-32.3	
Turbidity (NTU) +/- 10%**			
$H_2S (mg/L)$			
Fe^{2+} (mg/L)			The second secon
Check stability after three readings	and every reading	thereafter until achieved.	
**Only one of these parameters mus	st reach stability.		
Observations:			
Volume of water purged from well:	gallon	5 7	41
Sample Date: 0/23/08	Sample	Time: $\frac{70}{20}$: $\frac{20}{20}$ (military	time)
Was metals sample filtered prior to	preservation?	YES NO method: 0.45	µm cartriage / other:
Color of water before filtration:		ltration:	
Reaction upon addition of preservat		NO) explain:	
Appearance of Water: (Clear/Slight	ily Turbid/Turbic	(Very Turbid)	•
Well condition:			
A			
//			
	M	Date: G	24/08
Signature:	\	Date. 91	1141

cility Name: GP	KEI Project #: 2829e-001/003				
Sample I.D.: 167D	Well Location:				
Sumple No. 14 ()					
Monitoring Well Data	Sample Types (circle all applicable)				
Well Material (PVC)SS/Te					
Inside Diameter, in. (1246)					
Stick up or stick down height	ft Split Sample				
Total depth of well (TD)	ft Ouplicate (Duplicate ID:				
Depth to product	ft MS/MSD				
1 1					
Depth to water (DTW) /8.35	It Ctifor				
	Missonwage compling				
(Conventional sampling) ←OR:					
Height of water column	Depth of pump placement (place mid-screen) 29.87 ft				
(H = TD - DTW) ft	,				
Conversion value (CV)* x	Bubbles purged from flow cell? Y/N				
1 Well volume = H x CV = gal	Is drawdown >0.3 feet $\frac{Y/N}{X}$				
3 Well volumes = gal	Was passive sampling used? Y/N				
Purge method	Flowrate = mL/min				
(B = bailer, P = pump) B/P	ID number from controller console #				
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia	a = 0.16, 4" dia = 0.65, 6" dia = 1.47				
ield Test(s) Stability Result R	Result Result Result Result Result				
	(6 min) (9 min) (12 min) (15 min) (18 min) (21 min)				
	16.67 16.70				
1	P32 832				
~P • • • • • • • • • • • • • • • • • •	,27 ,26				
1 - · · · · · · · · · · · · · · · · · ·	11.76 11.90				
1 1	0.1 0.2				
Turbidity (NTU) +/- 10%**					
$H_2S (mg/L)$					
Fe ²⁺ (mg/L)					
Check stability after three readings and every read	ading thereafter until achieved.				
**Only one of these parameters must reach stability	ility.				
Only one of these parameters must reach statem					
Observations					
Observations: Volume of water purged from well: gall	illons				
Sample Date: $\frac{9}{125} \frac{100}{100}$ Sam	mple Time: <u>/o</u> : <u>40</u> (military time)				
Sample Date. 1/2// Summer to programation?	? YES NO method: 0.45 µm cartridge / other:				
Was metals sample intered prior to preservation:	ter filtration:				
Color of water before filtration: After Reaction upon addition of preservatives? YES					
Appearance of Water: (Clear/Slightly Turbid/Tur					
	moral vory randraj				
Well condition:					
	1 3				
	Date: $G/23/08$				
Signature:	Daw				

			•				
cility Name: GP		KEI Project	t #: 2829e-001/003				
Sample I.D.: 1675	Well Locati	Well Location:					
Sample I.D.:							
Monitoring Well I)ata		Sample Types (cir	cle all applicable)			
Well Material	(PVC)SS/Teflo	on) 44e	onitoring Well				
Inside Diameter, in.	(1246)		ab/Composite				
Stick up or stick down height		ft Spl	lit Sample				
Total depth of well (TD)	21.9/	ft Du	plicate (Duplicate ID:)			
Depth to product		ft MS	S/MSD				
Depth to water (DTW)	18.82	ft Otl	her				
Deput to water (DTW)	70.02						
Conventional sampling	(=OR⇒		Micropurge sar	mpling			
Height of water column		Depth of pu	mp placement				
(H = TD - DTW)	ft		id-screen)	18.91	ft		
Conversion value (CV)* x		1	rged from flow cell?	Y/N			
1 Well volume = H x CV =	gal	Is drawdown	_	Y/N			
3 Well volumes = =	gal	1	e sampling used?	Y/N			
Purge method		Flowrate =	· · · · · · · · · · · · · · · · · · ·	mL/r	min		
(B = bailer, P = pump) $B/$	P		from controller consol	e #			
*Conversion values (gal/ft): 1" dia							
Conversion values (gainty, 1 and	0.01, = 0.20	, ·					
ield Test(s) Stability	Result Res	ult Result	Result Result	Result Result	7		
Performed Range	(3 min) (6 m		$(\overline{12 \text{ min}}) (\overline{15 \text{ min}})$	(18 min) (21 min)	.		
Temperature (°C) +/- 3%	18.02 17.9		17.80				
Spec. Cond (µmhos) +/- 3%	2255 227		2340				
D.O. (mg/L) +/- 10%**	170 158		,50		Ì		
pH +/- 0.1	8.41 8.40		8.74				
ORP (mV) +/- 10 mV*			6.2				
Turbidity (NTU) +/- 10%**							
H ₂ S (mg/L)							
Fe^{2+} (mg/L)							
Check stability after three readings	and every reading	g thereafter ur	ntil achieved.				
**Only one of these parameters mu	ist reach stability.	•					
Observations:							
Volume of water purged from well	: gallon		And a second of				
Sample Date: 9 /23 / 05	-		$\frac{\partial U}{\partial U}$ (military time)				
Was metals sample filtered prior to	preservation?	YES (NG)	method: 0.45 μm ca	rtridge / other:			
Color of water before filtration:		filtration:					
Reaction upon addition of preserva			in:				
Appearance of Water: (Clear/Sligh	itly Turbid/Turbio	d/Very Turbic	1)				
Well condition:							
0			1 1				
			Date: 9/23/0	4			
Signature:			_ Daic	*			

cility Name: GP	KEI Project #: 2829e-001/003						
Sample I.D.: 1650		Well Locati	on:				
Sumpression							
Monitoring Well Data			Sample	Types (cir	cle all app	licable)	
	VC)SS/Teflo	n) Æ	nitoring W				
Inside Diameter, in.	(1046)		ab/Compos				
Stick up or stick down height	()		lit Sample				
Total depth of well (TD)	46.5			plicate ID:)	
•	1000		S/MSD	•			
Depth to product	14.35	ft Oth					
Depth to water (DTW)	/ 11.50		101				
			Mian	0 m m m m m m m m m m m m m m m m m m m	nnlina		
(Conventional sampling)	_ ←OR⇒	D 4 C		opurge sar	ubmig		
Height of water column		Depth of pu		ent		3.5	f
(11 10 0111)	<u>t</u>	(place mi		110	7	<u>Y/N</u>	11
Conversion value (CV)* x		Bubbles pur		low cell?			
1 Well volume = H x CV = ga	1	Is drawdown		4.0		Y/N	
3 Well volumes = ga		Was passive	e sampling	used'?		Y/N	
Purge method		Flowrate =		_		mL/r	nır
(B = bailer, P = pump) B/P		ID number t			e #		
*Conversion values (gal/ft): 1" dia = 0.	04, 2" dia = 0).16, 4" dia =	0.65, 6" di	a = 1.47			
							7
ield Test(s) Stability R	lesult Resu	ılt <u>Result</u>	Result	Result	<u>Result</u>	Result	
	min) (6 mi	in) (9 min)	(12 min)	(15 min)	(18 min)	(21 min)	
	3.82 13.89	4 13.22	13.91	**************************************	·		
	865 405	950	255				
	52 .46		.36				
	400 1400	1400	1400				
P	41.0 -41.9		- 43.0				
Turbidity (NTU) +/- 10%**							
H ₂ S (mg/L)							
$Fe^{2+} (mg/L)$							
Check stability after three readings and	every reading	thereafter un	ntil achieve	d.			
**Only one of these parameters must re	ach stability.						
Omy one of mese parameters messer							
Observations:							
Volume of water purged from well:	gallons	S					
Sample Date: 9 /23 /08	Sample	Time: 1/:	20 (mili	tary time)			
Was metals sample filtered prior to pres				0.45 μm cai	rtridge / oth	ner:	
Color of water before filtration:	After fi	iltration:	The stance of th		C		
Reaction upon addition of preservatives			in:				
Appearance of Water: (Clear/Slightly I							
Well condition:) arola, rarola	, voi ji ui oi a	•)				
wen condition.							
11 11 11				l i	,		
C:			Date:	Clarli	X		
Signature:				7///	·		

						·		
cility Name: GP		KEII	Project	#: 2829e-0	001/003			
Sample I.D.: 1655		Well	Well Location:					
Monitoring Well Da	ata				Types (cir	cle all app	licable)	
Well Material	(PVC)SS/Te	flon)	A	nitoring W	ell			
Inside Diameter, in.	(1246))	1	h/Compos	ite			
Stick up or stick down height		ft	Spli	it Sample				
Total depth of well (TD)	19.6	ft	Dup	olicate (Du	plicate ID:)	
Depth to product		ft	MS	/MSD				
Depth to water (DTW)	14.63	ft	Oth	er				
Conventional sampling	←OR=				opurge sar	npling		
Height of water column		Depth	of pur	np placem	ent			
(H = TD - DTW)	ft			l-screen)		16	.6	f
Conversion value (CV)* x				ged from fl	ow cell?		Y/N	
1 Well volume = H x CV =	gal	Is dra	wdown	1 > 0.3 feet			Y/N	
3 Well volumes = =	gal	Was p	passive	sampling	used?		Y/N	
Purge method		Flowr					mL/r	nır
(B = bailer, P = pump) B/H		ID nu	mber fi	rom contro	ller consol	e #		
*Conversion values (gal/ft): 1" dia =	= 0.04, 2" dia	= 0.16, 4	' dia =	0.65, 6" di	a = 1.47			
							- 1.	٦
ield Test(s) Stability			esult	Result	Result	Result	Result	
Performed Range			min)	(12 min)	(15 min)	(18 min)	(21 min)	
Temperature (°C) +/- 3%			99					
Spec. Cond (µmhos) +/- 3%	633 63		34					
D.O. (mg/L) +/- 10%**			36				.,,	
pH +/- 0.1			4.00					
ORP (mV) +/- 10 mV**	-51.4 -5	11.2 -9						
Turbidity (NTU) +/- 10%**								
$H_2S (mg/L)$								
Fe ²⁺ (mg/L) Check stability after three readings a	and every read	ling theres	ifter un	til achieve	d.			!
**Only one of these parameters mus	ind every read et reach stabili	tv	iiioi uii	tiir doine (e				
Omy one of these parameters mus	e reach stabin							
Observations:								
Volume of water purged from well: Sample Date: 9/23/05	gall	ons						
Sample Date: 9 /23/08	Samı	ple Time:	<u> </u>	30 (mili	tary time)			
Was metals sample filtered prior to	preservation?	YES	(N)	method:).45 µm ca	rtridge / otl	ner:	
Color of water before filtration:	Afte	er filtration	n:	-				
Reaction upon addition of preservat	ives? YES	(NO)	explain	n:				
Appearance of Water: (Clear/Slight	ly Turbid/Tur	bid/Very	Turbid))				
Well condition:								
N = n	· ·				, (
	\mathcal{N}			_ Date:	alzzla	18		
Signature:				_ Date:	4-110	<u> </u>		

cility Name: GP		KEI Project #: 2829e-001/003
Sample I.D.: 1660		Well Location:
Monitoring Well Da	ta _	Sample Types (circle all applicable)
Well Material	(PVC)SS/Teflo	on) Monitoring Well
Inside Diameter, in.	(1246)	Grab/Composite
Stick up or stick down height		ft Split Sample
Total depth of well (TD)	49.7	ft Duplicate (Duplicate ID:)
Depth to product		ft MS/MSD
Depth to water (DTW)	15.09	ft Other
7		
Conventional sampling	⇒ ⇔	Micropurge sampling
Height of water column		Depth of pump placement
(H = TD - DTW)	ft	(place mid-screen) 46.7 f
Conversion value (CV)* x		Bubbles purged from flow cell? Y/N
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet Y/N
3 Well volumes = =	gal	Was passive sampling used? Y/N
Purge method		Flowrate = mL/min
(B = bailer, P = pump) B / P		ID number from controller console #
*Conversion values (gal/ft): 1" dia =	= 0.04, 2" dia = (
	••• ·• ·•	,
ield Test(s) Stability	Result Resu	ult Result <u>Result Result Result</u> <u>Result</u>
Performed Range	(3 min) (6 m	(10 1)
Temperature (°C) +/- 3%	17.51 17.5	
Spec. Cond (µmhos) +/- 3%	764 767	
D.O. (mg/L) +/- 10%**	132 30	
pH +/- 0.1	14.00 14.2	70 14.00
ORP (mV) +/- 10 mV**	-40.3 -40.5	5 -40.6
Turbidity (NTU) +/- 10%**		
H_2S (mg/L)		
Fe^{2+} (mg/L)		Discussion Management (Management (Managem
Check stability after three readings a	nd every reading	g thereafter until achieved.
**Only one of these parameters mus		
-		
Observations:		
Volume of water purged from well:	gallon:	ns
Sample Date: 4/27/08	-	e Time: <u>/2</u> : <u>60</u> (military time)
Was metals sample filtered prior to p	reservation?	YES No method: 0.45 μm cartridge / other:
Color of water before filtration:	After f	filtration:
Reaction upon addition of preservati	ves? YES	
Appearance of Water: (Clear/Slight)	y Turbid/Turbic	d/Very Turbid)
Well condition:)
		9/23/08
Signature:	<u> </u>	Date: ((27) b

cility Name: GP		KEI Project #: 2829e-001/003	
Sample I.D.: 1665		Well Location:	
Sumple L.S.			
Monitoring Well Da	ata	Sample Types (circle	e all applicable)
Well Material	(PVC)SS/Teflo	on) Monitoring Well	
Inside Diameter, in.	(1246)	Grab/Composite	
Stick up or stick down height		ft Split Sample	
Total depth of well (TD)	19.2	ft Duplicate (Duplicate ID:	
Depth to product		ft MS/MSD	
Depth to water (DTW)	15,31	ft Other	
Conventional sampling		Micropurge samp	oling
Height of water column		Depth of pump placement	./ > 0
(H = TD - DTW)	ft	(place mid-screen)	16.2 ft
Conversion value (CV)* x		Bubbles purged from flow cell?	Y/N
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet	<u>Y/N</u>
3 Well volumes = =	gal	Was passive sampling used?	<u>Y/N</u>
Purge method		Flowrate =	mL/min
(B = bailer, P = pump) B / I	<u> </u>	ID number from controller console	#
*Conversion values (gal/ft): 1" dia	= 0.04, 2" dia $=$	0.16, 4" dia = $0.65, 6$ " dia = 1.47	
		1. D. 1. D. 1. D. 1.	Dogult Popult
ield Test(s) Stability	Result Res		Result 18 min) (21 min)
<u>Performed</u> Range	(3 min) (6 m		18 min) (21 min)
Temperature (°C) +/- 3%	19.57 19.3		
Spec. Cond (μ mhos) +/- 3%	947 948		
D.O. (mg/L) +/- 10%**	.28 ,2		
pH +/- 0.1	14.00 14F -53.5 -53.		
ORP (mV) +/- 10 mV** Turbidity (NTU) +/- 10%**	-53,5 -53,	- 260	
10101010)			
H_2S (mg/L) Fe^{2+} (mg/L)			
Check stability after three readings a	and every readin	g thereafter until achieved.	Professional Committee Com
**Only one of these parameters mus	nd every reading et reach stability	g inordation driving domes on	
Only one of these parameters mus	st readir statistics		
Observations:			
Volume of water purged from well:	gallor	NS	
Sample Date: 9 /23 /08	Sample	e Time: / 2 : 20 (military time)	
Was metals sample filtered prior to	nreservation?	YES method: 0.45 μm cartr	idge / other:
Color of water before filtration:	After	filtration:	
Reaction upon addition of preservat	ives? YES	No explain:	
Appearance of Water: (Clear/Slight	ky Turbid/Turbi		
Well condition:	7		
		Date: 9/23/0 r	
Signature:		Date:	

cility Name: GP		KEI Pro	ject #: 2829e-0	001/003			
Sample I.D.: 1474		Well Lo	cation:				
Sumpre XI.							
Monitoring Well Data _			Sample	Types (cir	cle all app	licable)	
	SS/Teflo	n)	Monitoring W				
	10246)		Grab/Compos				
Stick up or stick down height		ft	Split Sample				
			Duplicate (Du	plicate ID:)	
Depth to product		ft	MS/MSD	•			
	9 11.89		Other				
Depth to water (DTW)	1 1001	11					
	. on - [Micr	opurge sar	nnling		
	⊭OR⇒	D 41 4			npmg		
Height of water column			f pump placem	Cill	2	6	f
(H = TD - DTW) ft			mid-screen)	ovv. 00119		<u>8</u> Y/N	1
Conversion value (CV)* x			purged from fl	ow cen?		$\frac{1/N}{Y/N}$	
1 Well volume = H x CV = gal			own >0.3 feet	10		Y/N	
3 Well volumes = gal		-	sive sampling	used?			
Purge method		Flowrate		1		mL/n	$\frac{\text{mir}}{}$
(B = bailer, P = pump) B / P			er from contro		e #		
*Conversion values (gal/ft): 1" dia = 0.04,	2" dia = 0	.16, 4" di	a = 0.65, 6" di	a = 1.47			
						m 1,	٦
ield Test(s) Stability Resu				Result	Result	Result	
Performed Range (3 mi				(15 min)	<u>(18 min)</u>	(21 min)	
Temperature (°C) +/- 3%	41000						
Spec. Cond (μmhos) +/- 3% 332			8 3274				
D.O. (mg/L) +/- 10%**						*****	
pH +/- 0.1 <u>j</u> 4.00				***************************************			
ORP (mV) +/- 10 mV**	<u>-53</u>	-610	<u>-6.7</u>				
Turbidity (NTU) +/- 10%**							
$H_2S (mg/L)$							
Fe^{2+} (mg/L)							١
Check stability after three readings and ever	ry reading	thereafte	r until achieve	d.			
**Only one of these parameters must reach	stability.						
Observations:							
Volume of water purged from well:	gallons		2 1/2				
Sample Date: $\frac{q}{2} / \frac{2}{0} / \frac{6}{0}$ Was metals sample filtered prior to preserv	Sample	Time: 🚣	2: 90 (mili	tary time)			
Was metals sample filtered prior to preserv	ation?	YES 💥	method:).45 µm cai	rtridge / oth	ier:	
Color of water before filtration.	AHETH	malion.					
Reaction upon addition of preservatives?	YES 1	(10) ex	plain:			·	
Appearance of Water: (Clear/Slightly Turb	oid/Turbid	/Very Tui	rbid)				
Well condition: 9000							
<u>.</u>							
N				, 1			
			_	abil.	n 🗸		
Signature:	and the same of th		Date:	-4243	0		
				t -			

cility Name: GP			KEI	Project	#: 2829e-(001/003			
Sample I.D.: /32	R		Wel	Well Location:					
Dumple 1.2 (22			,						
Monit	oring Well Da	ta			Sample	Types (cir	cle all app	licable)	
Well Material	8	(PVC)SS/Te	eflon)	\$40	nitoring W				
Inside Diameter, in.	-	(102) 6		Gra	ab/Compos	ite			
Stick up or stick down	height -		ft	Spl	it Sample				
Total depth of well (T		1915	ft	Du	plicate (Du	plicate ID:			_)
Depth to product			ft	MS	S/MSD				
Depth to water (DTW)	962	ft	Oth	ner				
Doparto water (D1.		700		Ļ					
Conventional	campling	←OR	\rightarrow		Micr	opurge sai	mpling		
Height of water colum				th of pu	mp placem				
(H = TD - DTW)	111	ft			d-screen)		16	.15	ft
Conversion value (CV	/)* x		,		ged from f	low cell?		Y/N	
1 Well volume = H x		gal	1	-	1 > 0.3 feet			Y/N	
	= =	gal	1		sampling	used?		Y/N	
3 Well volumes =	Marie 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	gai	1	vrate =	, sumpring	usou.			/min
Purge method	D / D				rom contro	ller consol	e #		
(B = bailer, P = pur *Conversion values (g	$\frac{\text{mp})}{1/9} \frac{\text{B}/\text{P}}{1}$		-0.16	1" dia –	$\frac{10111 \text{ control}}{0.65 \text{ 6" di}}$	a = 1.47	<u> </u>		
*Conversion values (g	gai/π): I dia =	0.04, 2 dia	. – 0.10, -	+ uia –	0.05, 0 01	.a 1.77			
• • • • • • • • • • • • • • • • • • • •	Ctobility	Pogult P	Result	Result	Result	Result	Result	Result	
ield Test(s)	Stability			9 min)	(12 min)	(15 min)	(18 min)	(21 min	1
Performed	Range			1974	19.00	(13 11111)	110 11111)	121 11111	7
Temperature (°C)	+/- 3% +/- 3%			2554	2550				-
Spec. Cond (µmhos)	+/- 3% +/- 10%**			3.06	3.08				-
D.O. (mg/L)	+/- 10%			14.00	14.00				-
pH	+/- 10 mV**			-14.5	-14.5				-
ORP (mV)	+/- 10 m v * +/- 10%**	-14.6 -	14.6	110	112				-
Turbidity (NTU)	+/- 1070 · ·						***************************************		-
$H_2S \text{ (mg/L)}$									-
Fe ²⁺ (mg/L) Check stability after the	and in co	ad oxiomi reco	ling there	eafter un	til achieve	d			
**Only one of these p	aremeters must	reach stabil	ing aicic	Saiter un	itii aoineve	u.			
**Only one of these p	arameters musi	. Teach staum	ity.						
Observations									
Observations: Volume of water purg	red from well:	σa1	lons						
Sample Date: 9/	is in mix	Sam	nle Time	. 13.	06 (mili	tary time)			
Was metals sample fil	torad prior to r	recervation?	VEQ	×60	method:	0.45 um ca	rtridge / otl	ner:	
Color of water before	filtration:	A fi	er filtratio	on:		0. 10 pari ou			
Reaction upon addition	n of preservati	VES VES	i Ma	evnlai:	n:	Contract Section of the Contract of the Contra			
Appearance of Water:	(Clear Slight)	ves. Le v Turbid/Tu	rhid/Vers	Turbid)				
) " " " " " " " " " " " " " " " " " " "	roid, vor	1 di bid	9				
Well condition: Gov									
Avrilla società 4 de region	$^{\prime}$								
\mathcal{C}						. / /	6		
Signature:	1/ -	0			Date:	9/23/0	8		
DIGITALUIO.	V	Market Ma							

cility Name: GP	KEI Project #: 2829e-0	01/003		
Sample I.D.: 148 🕊		Well Location:		
Monitoring Well Da	ata		Types (circle a	ll applicable)
Well Material	(PVC)SS/Teflo			
Inside Diameter, in.	(1246)	Grah/Composi	te	
Stick up or stick down height		ft Split Sample		,
Total depth of well (TD)	24.85		olicate ID:)
Depth to product		ft MS/MSD		
Depth to water (DTW)	11.75	ft Other		
Conventional sampling	(=OR⇒	Miero	purge samplii	ıg
Height of water column		Depth of pump placeme	ent	
(H = TD - DTW)	ft	(place mid-screen)		21.85 ft
Conversion value (CV)* x		Bubbles purged from flo	ow cell?	Y/N
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet	· 	Y/N
3 Well volumes = =	gal	Was passive sampling u	ısed?	Y/N
Purge method		Flowrate =		mL/min
(B = bailer, P = pump) B / F		ID number from control	ller console #	<u> </u>
*Conversion values (gal/ft): 1" dia =	= 0.04, 2" dia = 0	0.16, 4" dia = 0.65, 6" dia	a = 1.47	
ield Test(s) Stability	Result Resu	<u>ılt Result Result</u>	Result Re	esult Result
Performed Range	(3 min) (6 m		(15 min) (18	<u>min) (21 min)</u>
Temperature (°C) +/- 3%	16.82 14.8	3 1483 16.83		
Spec. Cond (µmhos) +/- 3%	1747 1749			
D.O. (mg/L) +/- 10%**	169 159			
pH +/- 0.1	14.00 14.0		-	
ORP (mV) +/- 10 mV^{**}	-4.8 -4.1	9 -52 -5.6		
Turbidity (NTU) +/- 10%**				
$H_2S (mg/L)$				A
Fe^{2+} (mg/L)				
Check stability after three readings a	ınd every reading	g thereafter until achieved	1.	
**Only one of these parameters mus	st reach stability.			
Observations:				
Volume of water purged from well:	gallon	S		
Sample Date: $\frac{4}{\sqrt{27}}$	Sample	Time: 13 : 20 (milit	tary time)	, d
Sample Date: $\frac{4}{\sqrt{27}} / \frac{08}{\sqrt{27}}$ Was metals sample filtered prior to	preservation?	YES NO method: 0).45 µm cartridg	ge / other:
Color of water before filtration:	After f	iltration:		
Reaction upon addition of preservat	ixes? YES	NO explain:		
Appearance of Water: (Clear/Slight	ly Turbid/Turbic	l/Very Turbid)		
Well condition: Good				
		.	9/22/08	
Q' \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Date:	9 / / 7 / 17 %	

			·					
cility Name: GP		KEI Project #: 2829e-001/003						
Sample I.D.: 133 L			Well L	ocation:				
					DC (-1-	.111	liaabla)	
1	ng Well Data				Types (cir	cie an appi	псавіеј	
Well Material	_ <u>(P</u>	VC)SS/Teflo	on)	Monitoring V				
Inside Diameter, in.		(1246)		Grah Compos	site			
Stick up or stick down he	ight		ft	Split Sample	mlianta ID:)	
Total depth of well (TD)		16	ft	Duplicate (Du MS/MSD	ipiicate iD.			
Depth to product	Makes Application	11511	ft					
Depth to water (DTW)		11.84	ft	Other		······································		
				Mio	opurge sar	nnling		
Conventional sai	mpling	_ ←OR⇒	D 41-			npung		
Height of water column		~		of pump placente mid-screen)	ient	()	3	f
(H = TD - DTW)		<u>ft</u>	1 1	· · · · · · · · · · · · · · · · · · ·	low call?		Y/N	
Conversion value (CV)*	X	1	1	s purged from f down >0.3 feet			Y/N	
1 Well volume = $H \times CV$				ssive sampling			$\frac{Y/N}{Y/N}$	
3 Well volumes =	= ga	11	Flowra		uscur		mL/m	_ nir
Purge method	D/D		1	.e — .ber from contr	aller consol	e #	11112/111	
(B = bailer, P = pump) *Conversion values (gal/f	$\frac{B/P}{2}$	04 2" dia -				C 11		
*Conversion values (gai/1	1): 1 dia -0 .	.04, 2 dia –	0.10, 4	ma = 0.05, 0	14 1.17			
iald Toot(a)	Stability <u>F</u>	Result Res	ult Re	sult Result	Result	Result	Result	
ield Test(s) Performed	-	8 min) (6 m			(15 min)	(18 min)	(21 min)	
		257 22.6						
1 T		215 120						
Providence (.33 .32		<i>(</i>				
pH	+/-0.1	4.00 14.00	0 (4.	<i>0</i> θ				
		12.0 -1.9		9	****			
	·/- 10%** _							
H_2S (mg/L)	_							
Fe ²⁺ (mg/L)		AND THE PROPERTY AND TH	With the same of t					
Check stability after three	readings and	every reading	g thereafi	er until achieve	ed.			
**Only one of these parar	meters must re	each stability.						
Observations:	C 11	11	_					
Volume of water purged	/ 0 V	Commi	Tima:	3 : <u>40</u> (mil	itary time)			
Sample Date: $\frac{9}{2}$ / 25 Was metals sample filtered	<u>/ v 0</u>	Sample	VEC N	method:	0.45 um ca	rtridge / oth	ier.	
Was metals sample filtered	rotion:	After f	iltration:	Michiga.	0.15 pin oa	urage, em		
Color of water before filt Reaction upon addition o	f preservatives			xplain:	-			
Appearance of Water: (C	Tear/Slightly							
Well condition: 900	Mount Brightly	ruigia, ruion	4, (01) 1					
Wen condition. 900								
and the second s					, 1			
	N .				9/23/0	8		
Signature:	NA	4		Date:	1/27/0	V	**************	
()								

cility Name: GP			KEIP	oiect	#: 2829e-(001/003			
Sample I.D.: 152				KEI Project #: 2829e-001/003 Well Location:					
Sample I.D ! 12			110111	-					
Monito	oring Well Da	ta			Sample	Types (cir	cle all app	licable)	
Well Material	ing wen ba	(PVC)SS/Tefle	on)	046	onitoring W		• •		
Inside Diameter, in.	-	(1246)		1/	ab/Compos	-			
Stick up or stick down	height _		ft	Spl	lit Sample				
Total depth of well (TI	_	18.6	ft			plicate ID:)	
Depth to product	-		ft		S/MSD				
Depth to water (DTW)		13.95	ft	Oth	ner				
Depth to water (D111)				L					
Conventional	sampling)	⇒ ⇔			Micr	opurge sai	mpling		
Height of water column			Denth	of pu	mp placem				
(H = TD - DTW)	1	ft		_	d-screen)		15	5,6	
Conversion value (CV))* X		1 0		ged from f	low cell?		Y/N	
1 Well volume = $H \times G$		gal	5	-	n > 0.3 feet			Y/N	
3 Well volumes =		gal	Was pa	assive	e sampling	used?		Y/N	
Purge method			Flowra		1 0		•	mL/ı	
(B = bailer, P = pun)	ap) B/P				from contro	oller consol	e #		
*Conversion values (ga									
Conversion values (go	11/11/. 1 dia	0.01,2			,				
ield Test(s)	Stability	Result Res	sult Re	sult	Result	Result	Result	Result	
Performed	Range	$\overline{(3 \text{ min})} \overline{(6 \text{ min})}$		nin)	(12 min)	(15 min)	(18 min)	(21 min)	
Temperature (°C)	+/- 3%	19.55 19.		49					
Spec. Cond (µmhos)	+/- 3%	795 79	2 79	2		:			
D.O. (mg/L)	+/- 10%**	518 512	3 5	29	-				
pH	+/- 0.1	9.51 9.5	3 9.5	6					
ORP (mV)	+/- 10 mV**	22.4 22.							
Turbidity (NTU)	+/- 10%**								
$H_2S (mg/L)$									
Fe^{2+} (mg/L)									
Check stability after th	ree readings a	nd every readin	g thereaf	ter ui	ntil achieve	ed.			
**Only one of these pa	rameters must	reach stability	.						
Observations:									
Volume of water purge	d from well:	galloi	1S	4	10 (:1:				
Sample Date: 9 / 2	25/08	Sampl	e Time:	<u> </u>	(mili	(tary time)	utuidaa / at	hor	
Was metals sample filt	ered prior to p	reservation?	YES	9	method:	0.45 µm ca	ruidge / Ot.	1161.	
Color of water before t	filtration: _	After A	migation						
Reaction upon addition	of preservati	ves? YES			in:				
Appearance of Water:		y Turbia/Turbi	.d/very 1	urbiu	1)				
Well condition: 900	n C								
уургандаган жануу									
	\					i i			
~: \ \ \ \ \	()	()			Date:	9/23/08	Ŝ		

					<u>,</u>	·····			
cility Name: GP	cility Name: GP			KEI Project #: 2829e-001/003					
Sample I.D.: 146			Well Location:						
Monit	toring Well Da				Types (cir	cle all app	licable)		
Well Material	_	(PVC)SS/Teflo		onitoring W					
Inside Diameter, in.		(1246)		ab/Compos	ite				
Stick up or stick down	n height			lit Sample			2		
Total depth of well (T		23,2	_ft Du	plicate (Du	plicate ID:)		
Depth to product	_			S/MSD					
Depth to water (DTW)	10.01	ft Otl	her					
Conventiona	l sampling	(≠OR⇒			opurge sar	npling			
Height of water colun			Depth of pu		ent	~			
(H = TD - DTW)		ft		d-screen)			9, 2 f		
Conversion value (CV	/)* x		Bubbles pur		low cell?		Y/N		
1 Well volume = Hx	CV =	gal	Is drawdow	n > 0.3 feet			Y/N		
3 Well volumes =		gal	Was passive	Was passive sampling used?			Y/N		
Purge method			Flowrate =				mL/mir		
(B = bailer P = pu	mp) B/P		ID number			e #			
*Conversion values (gal/ft): 1" dia =	$\overline{0.04}$, 2" dia =	0.16, 4" dia =	= 0.65, 6" di	a = 1.47				
ield Test(s)	Stability	Result Res	ult Result	<u>Result</u>	Result	Result	Result		
Performed	Range	(3 min) (6 m	<u>iin) (9 min)</u>	(12 min)	(15 min)	(18 min)	(21 min)		
Temperature (°C)	+/- 3%	17.2							
Spec. Cond (µmhos)	+/- 3%	1187 1668							
D.O. (mg/L)	+/- 10%**	156 14							
pH	+/- 0.1	6.44 60							
ORP (mV)	+/- 10 mV**	33.0 34.6	35.0						
Turbidity (NTU)	+/- 10%**								
$H_2S \text{ (mg/L)}$						***************************************			
Fe^{2+} (mg/L)					1				
Check stability after t	hree readings a	nd every readin	g thereafter u	ntil achieve	ea.				
**Only one of these p	parameters must	reach stability							
Observations:	1.0 11.	~~11 or							
Volume of water pury	ged from well:	ganor	Time: 14	. 20 (mili	itary time)				
Sample Date: 9/	<i>U)</i> / <i>V</i> 0	Sample	VEC NO	method:	$0.45 \mathrm{um} \mathrm{ca}$	rtridge / ot	her:		
Was metals sample fi	litered prior to p	reservation?	filtration:	method.	0.45 pm ca	i i i i i i i i i i i i i i i i i i i			
Color of water before	e filtration:			in:					
Reaction upon addition	on of preservau						4		
Appearance of Water		y Turbiu/Turbi	d/very rurbic	u)					
Well condition: Go) <i>(</i>)								
processing of the first state of									
~					_ /	1.			
Signatura.			and the second second	Date:	9/27/	104			
Signature:	-	/			.1 .				

cility Name: GP	KEI Project		001/003				
Sample I.D.: 10-12	Well Location:						
Monitoring Well I					cle all app	licable)	
Well Material	(PVC)SS/Teflo						
Inside Diameter, in.	(1246)		ab/Compos	ite			
Stick up or stick down height		ft Spl	it Sample		10)		
Total depth of well (TD)	18,57	ft Qu	plicate (Du	iplicate ID:	(Pp))	
Depth to product		ft MS	S/MSD				
Depth to water (DTW)	14.80	ft Oth	ier				
Conventional sampling	(=OR⇒		Micr	opurge sai	npling		
Height of water column		Depth of pur	mp placem	ent			
(H = TD - DTW)	ft	(place mid	d-screen)			<u>`.57</u> f	
Conversion value (CV)* x		Bubbles pur	ged from f	low cell?		Y/N	
1 Well volume = H x CV =	gal	Is drawdowi	n > 0.3 feet			Y/N	
3 Well volumes = =	gal	Was passive	sampling		Y/N		
Purge method		Flowrate =			mL/mir		
(B = bailer, P = pump) B/		ID number f			e #		
*Conversion values (gal/ft): 1" dia	L = 0.04, 2" dia = 0	0.16, 4" dia =	0.65, 6" di	ia = 1.47			
ield Test(s) Stability	Result Resu		Result	Result	Result	Result	
<u>Performed</u> Range	(3 min) (6 m		(12 min)	(15 min)	(18 min)	(21 min)	
Temperature (°C) +/- 3%	17.23 17.2	17.22					
Spec. Cond (µmhos) +/- 3%	764 76:						
D.O. (mg/L) +/- 10%**	141 .40						
pH +/- 0.1	6.82 6.8						
ORP (mV) +/- 10 mV^*	* <u>46.7</u> 46.	7 46.4					
Turbidity (NTU) +/- 10%**							
$H_2S \text{ (mg/L)}$			***************************************				
Fe ²⁺ (mg/L)	1 1 *	, t C	4:1 - alaiozza		- CONTRACTOR CONTRACTO		
Check stability after three readings	and every reading	g thereamer un	itii acmeve	cu.			
**Only one of these parameters mu	ist reach stability.						
Observations:	. gollon	C C					
Volume of water purged from well	ganon	Time: <u>[4 </u>	35 (mili	itary time)			
Sample Date: 9/21/08 Was metals sample filtered prior to	Sample Sample	VES ADO	method:	0.45 um ca	rtridge / otl	ner:	
Was metals sample filtered prior to	After f	iltration:	method.	0.45 pan ca	rarage / oa		
Color of water before filtration:		NO explai	77.				
Reaction upon addition of preserva					*************************************		
Appearance of Water: (Clear Sligh	itiy Kurbid/Turbid	1/Very Turbiu	.)				
Well condition: 6000							
mentangan man				1			
	/)			1 /	# /		
a: \\\ \\ \			Date:	9/27/1	8		

cility Name: GP		KEI Project #: 2829e-001/003						
Sample I.D.: 150		Well Location:						
Monitoring Well D	ata	Sample Types	(circle all applicable)					
Well Material	(PVC)SS/Teflo							
Inside Diameter, in.	(1246)	Grab/Composite						
Stick up or stick down height		ft Split Sample						
Total depth of well (TD)	18.5	ft Duplicate (Duplicate	ID:)					
Depth to product		ft MS/MSD						
Depth to water (DTW)	13,21	ft Other						
Conventional sampling	⇒OR⇒	Micropurge	sampling					
Height of water column		Depth of pump placement						
(H = TD – DTW)	ft	(place mid-screen)	15.5 f					
Conversion value (CV)* x		Bubbles purged from flow cell	? Y/N					
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet	Y/N					
3 Well volumes = =	gal	Was passive sampling used?	Y/N					
Purge method		Flowrate =	mL/mir					
(B = bailer, P = pump) B/I	o	ID number from controller cor	nsole #					
*Conversion values (gal/ft): 1" dia								
Conversion values (gai/it). I dia	0.04, 2 dia (.10, 1 dia 0,00, 0 dia 1.1.						
reld Test(s) Stability	Result Resu	l <u>t Result Result</u> Resu	lt Result Result					
	(3 min) (6 m							
Performed Range Temperature (°C) +/- 3%	19.06 18.9							
Spec. Cond (µmhos) +/- 3%	802 804							
D.O. (mg/L) +/- 10%**	147 146							
pH +/- 0.1	6.74 6.75	6.14						
ORP (mV) +/- 10 mV**	44.9 44.9	45.0						
Turbidity (NTU) +/- 10%**								
H ₂ S (mg/L)								
$Fe^{2+} (mg/L)$	***************************************							
Check stability after three readings a	and every reading	thereafter until achieved.						
**Only one of these parameters mus								
Only one of those parameters most	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
Observations:								
- T - 1 C 11.	gallon							
Volume of water purged from well: Sample Date: 4 / 27 / 08 Was metals sample filtered prior to Color of water before filtration:	Sample	Time: 15 : 00 (military tim	ne)					
Was metals sample filtered prior to	preservation?	YES NO method: 0.45 μn	n cartridge / other:					
Color of water before filtration:	After f	ltration.						
Reaction upon addition of preservat	ives? YES	o explain:						
Appearance of Water: (Clear/Slight	ly Turbid/Turbic	/Very Turbid)						
Well condition: Good								
7, 3								
	>	ah	1 8					
Signature:		Date: 9/27	<u>/ 0()</u>					
	action and the second	•						

cility Name: GP					KEI Project #: 2829e-001/003				
Sample I.D.: 302 (1)			Wel	Location	on:				
Sample I.D.,	300 (3)			1					
Maritan	ing Well Dat	Δ				Sample	Types (cir	cle all app	licable)
	ring Well Dat	a (PVC)SS	/Teflo	n)	1440	nitoring W			,
Well Material		(102		11)		b/eompos			
Inside Diameter, in.	. 1.4	(102	y 0)	ft		it Sample			
Stick up or stick down he		54.	<u></u>	ft	Spi	olicata (Du	plicate ID:	(0,0))
Total depth of well (TD)	·		77	ft		/MSD	pricate 1D.		/
Depth to product		1 4	<i></i>		Oth				
Depth to water (DTW)	13.60	4.00	7	ft	Our	Iei			
Conventional sa	ampling)		R⇒				opurge sar	npling	
Height of water column				-		mp placem	ent		1== 0
(H = TD - DTW)		ft				d-screen)			1.55 ft
Conversion value (CV)*	X					ged from fl	ow cell?		Y/N
1 Well volume = H x CV	√ = <u>8</u>	gal		Is dr	awdowr	1 > 0.3 feet			Y/N
3 Well volumes =	=	gal		Was	passive	sampling	used?		Y/N
Purge method					rate =				mL/min
(B = bailer, P = pump	b) B/P						ller consol	e #	
*Conversion values (gal	$\frac{1}{\text{ft}}$: 1" dia =	0.04, 2"	dia = (0.16, 4	" dia =	0.65, 6" di	a = 1.47		
,				_					
ield Test(s)	Stability	Result	Resu	<u>ılt</u> <u>l</u>	Result	<u>Result</u>	Result	Result	Result
Performed	Range	(3 min)	(6 m		9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	17.07	17.0		7.03				
Spec. Cond (µmhos)	+/- 3%	517	517		577		-		
	+/- 10%**	. [[- 11		, ((
pН	+/- 0.1	6.12	6.25		0.77				
ORP (mV) +	-/- 10 mV**	48.1	48-2	2	18.5				
Turbidity (NTU)	+/- 10%**								
H_2S (mg/L)									
Fe^{2+} (mg/L)								***	
Check stability after three	ee readings an	d every i	eading	g there	after un	itil achieve	d.		
**Only one of these para	ameters must	reach sta	bility.						
-									
Observations:									
Volume of water purged	from well:		gallon	S	, -				
Sample Date: 9 / 23	108	S	ample	Time	: <i>[5</i> _:	<u> 25</u> (mili	tary time)		
Was metals sample filter	red prior to pr	eservatio	on?	YES	ЖÓ	method:	0.45 μm car	rtridge / otl	ner:
Color of water before fil	ltration:		After f	iltratio	n:				
Reaction upon addition			'ES	NO	explai	n:			
Appearance of Water: (Clear/Slightly	/Turbid	Turbic	l/Very	Turbid)			
Well condition: 6010									
	()						,	<i>(</i>	
	//				pt.		/ /	,	

cility Name: GP	KEI Project #: 2829e-001/003					
Sample I.D.: 302 153 (5)	Well Location:					
Sample I.B.						
Monitoring Well Data	Sample Types (circle all applicable)					
Well Material (PVC)SS/Teflo						
Inside Diameter, in. (1246)	Grah/Composite					
Stick up or stick down height	ft Split Sample					
Total depth of well (TD)	ft Duplicate (Duplicate ID:)					
Depth to product	ft MS/MSD					
Depth to water (DTW)	ft Other					
Departo water (DTW) (1.16)	AC					
(Conventional sampling) ←OR⇒	Micropurge sampling					
	Depth of pump placement					
Height of water column	(place mid-screen)					
$(H = TD - DTW) \qquad ft$	Bubbles purged from flow cell? Y/N					
Conversion value (CV)* x	Is drawdown >0.3 feet Y/N					
1 Well volume = H x CV = gal	15 drawdown 6.5 Teet					
3 Well volumes = gal	vv as passive sampling aset.					
Purge method	1 lowitate					
(B = bailer, P = pump) B/P	1D Hallioti Holli Collarollo 1					
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0	0.16, 4 dia = $0.65, 6$ dia = 1.4					
	to D. It. D. It. Dogult Dogult					
reld Test(s) Stability Result Resu	(01)					
Performed Range (3 min) (6 min)	(15 min) (12 min) (15 min) (18 min) (21 min)					
Temperature (°C) +/- 3% /8.17 /8.13	2 18.12 18.11					
Spec. Cond (µmhos) +/- 3% 1453 1453						
D.O. (mg/L) +/- 10%** 5.17 5.2						
pH +/- 0.1 <u>6.89</u> <u>69</u>						
ORP (mV) +/- 10 mV** 46.5 46.	7 48.0 44.1					
Turbidity (NTU) +/- 10%**						
$H_2S (mg/L)$						
Fe^{2+} (mg/L)						
Check stability after three readings and every reading	g thereafter until achieved.					
**Only one of these parameters must reach stability.						
Observations:						
Volume of water purged from well: gallon	S (5 (12 (iii)					
Sample Date: $\frac{9}{2}/23/08$ Sample	Time: <u>/5</u> : <u>40</u> (military time)					
Was metals sample filtered prior to preservation?	YES method: 0.45 µm cartridge / other:					
Color of water before filtration: After f	iltration:					
Reaction upon addition of preservatives? YES						
Appearance of Water: (Clear/Stightly Turbid/Turbid	/Very Turbid)					
Well condition: 4010						
l - · · ·						
↑	, ,					
	Data: 6/23/05					

ncility Name: GP		KEI Project #: 2829e-001/003					
Sample I.D.: TW-2		Well Location:					
Monitoring Well	Data	Sample Types (circle all applicable)					
Well Material	(PVC)SS/Teflo	on) Monitoring Well					
Inside Diameter, in.	$(1 \bigcirc 46)$	Grableomposite					
Stick up or stick down height		ft Split Sample					
Total depth of well (TD)	16.9	ft Duplicate (Duplicate ID:)					
Depth to product		ft MS/MSD					
Depth to water (DTW)	12.95	ft Other					
Conventional sampling	⇒ ⇔ ⇔	Micropurge sampling					
Height of water column		Depth of pump placement					
(H = TD - DTW)	ft	(place mid-screen) /3.9 f					
Conversion value (CV)* x		Bubbles purged from flow cell? Y/N					
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet Y/N					
3 Well volumes = =	gal	Was passive sampling used? Y/N					
Purge method		Flowrate = mL/min					
	/ P	ID number from controller console #					
*Conversion values (gal/ft): 1" d	$\overline{ia} = 0.04$, 2" dia = 0						
	,	,					
leld Test(s) Stability	Result Resu	ult Result Result Result Result					
Performed Range	$\overline{\text{(3 min)}}$ $\overline{\text{(6 m)}}$						
Temperature (°C) +/- 3%	17.98 17.99						
Spec. Cond (µmhos) +/- 3%	686 688						
D.O. (mg/L) +/- 10%*		· ·					
pH +/- 0.1	14.00 14.0						
ORP (mV) +/- 10 mV		9 -45.6 -44.3					
Turbidity (NTU) +/- 10%*							
$H_2S (mg/L)$							
Fe^{2+} (mg/L)							
Check stability after three reading	s and every reading	g thereafter until achieved.					
**Only one of these parameters n							
Observations:							
Volume of water purged from we	ll: gallon	S					
Sample Date: 9 / 24 / 08	Sample	e Time: $\frac{9}{4}$: $\frac{60}{4}$ (military time) YES Mo method: 0.45 μm cartridge / other:					
Was metals sample filtered prior	to preservation?	YES NO method: 0.45 μm cartridge / other:					
Color of water before filtration:	After f	iltration:					
Reaction upon addition of preserv	ratives? YES	NO explain:					
Appearance of Water: (Clear/Slig	htly Turbid/Turbid	d/Very Turbid)					
Well condition: Goo		•					
9001)							
V 1/		0/21/-0-					
Signature:		Date: 9/24/08					

cility Name: GP		KEI Project #: 2829e-001/003						
Sample I.D.:w-/		Well Location:						
		L						
Monitoring We	ell Data	Sample Types (circ	le all applicable)					
Well Material	(PVC)SS/Teflo							
Inside Diameter, in.	(1246)	Grab/Composite						
Stick up or stick down height		ft Split Sample						
Total depth of well (TD)	14.85	ft Duplicate (Duplicate ID: _						
Depth to product		ft MS/MSD						
Depth to water (DTW)	11.70	ft Other						
Conventional samplin	g ←OR⇒	Micropurge sam	pling					
Height of water column		Depth of pump placement	<u> </u>					
(H = TD - DTW)	ft	(place mid-screen)	11.85 ft					
Conversion value (CV)* x	10	Bubbles purged from flow cell?	Y/N					
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet	Y/N					
3 Well volumes = =	gal	Was passive sampling used?	Y/N					
Purge method		Flowrate =	mL/min					
	B/P	ID number from controller console	#					
		0.16, 4" dia = 0.65, 6" dia = 1.47						
Conversion variety (gainty, 1	0,0,, 2 0,2							
leld Test(s) Stabili	ty Result Resu	ılt Result Result Result	Result Result					
Performed Range			(18 min) (21 min)					
Temperature (°C) +/- 3%	C 1 1							
Spec. Cond (µmhos) +/- 3%	- /							
D.O. (mg/L) +/- 10%								
pH +/- 0.		0 14.00 14.00 14.00						
ORP (mV) +/- 10 m	V** -84.0 -84.	7 -82.5 -82.7 -82.5						
Turbidity (NTU) +/- 10%	**							
H_2S (mg/L)			-					
Fe^{2+} (mg/L)			A STATE OF THE STA					
Check stability after three reading	ngs and every reading	thereafter until achieved.						
**Only one of these parameters	must reach stability.							
Observations:								
Volume of water purged from w	vell: gallons	0 1						
Sample Date: <u>9 /24 / 08</u>	Sample	Time: $\frac{9}{N9}$: $\frac{25}{\text{method: 0.45 } \mu \text{m}}$ carts						
Was metals sample filtered prio	r to preservation?	YES NO method: 0.45 µm carti	ridge / other:					
Color of water before filtration:	After fi	ltration:						
Reaction upon addition of prese	rvatives? YES (VO explain:						
Appearance of Water: (Clear/S.	lightly Turbid/Turbid	Very Turbid)						
Well condition: GOO								
, -								
- n								
// , //		- abilla	6					
Signature:		Date:9/24/0	<u> </u>					

ncility Name: GP		KEI Project #: 2829e-001/003						
Sample I.D.: /63		Well Location:						
•								
Monitoring Well D		Sample Types (circle all applicable)						
Well Material	(PVC)SS/Teflo							
Inside Diameter, in.	(1246)	Grableomposite						
Stick up or stick down height		ft Split Sample						
Total depth of well (TD)	19.5	ft Duplicate (Duplicate ID:)						
Depth to product		ft MS/MSD						
Depth to water (DTW)	11.50	ft Other						
Conventional sampling	(≠OR⇒	Micropurge sampling						
Height of water column		Depth of pump placement						
(H = TD - DTW)	ft	(place mid-screen) /6.5 f						
Conversion value (CV)* x		Bubbles purged from flow cell? Y/N						
1 Well volume = H x CV =	gal	Is drawdown >0.3 feet Y/N						
3 Well volumes = =	gal	Was passive sampling used? Y/N						
Purge method		Flowrate = mL/min						
(B = bailer, P = pump) B/	p	ID number from controller console #						
*Conversion values (gal/ft): 1" dia								
Conversion values (gaint). I did	0.01, 2 414	0.10, 1 did 0.00, 0 did 1.11						
leld Test(s) Stability	Result Resu	ult Result Result Result Result Result						
Performed Range	(3 min) (6 m							
Temperature (°C) +/- 3%	18.44 18.45							
Spec. Cond (µmhos) +/- 3%	567 560							
D.O. (mg/L) +/- 10%**	138 136							
pH +/- 0.1	8.69 8.66							
ORP (mV) +/- 10 mV**								
Turbidity (NTU) +/- 10%**								
$H_2S (mg/L)$								
$Fe^{2+} (mg/L)$	· · · · · · · · · · · · · · · · · · ·							
Check stability after three readings	and every reading	g thereafter until achieved.						
**Only one of these parameters mus								
	3							
Observations:								
Volume of water purged from well:	gallons	s						
Sample Date: 9 / 24 / 08	Sample	Time: $7 : 20$ (military time)						
Was metals sample filtered prior to	preservation?	YES NO method: 0.45 μm cartridge / other:						
Color of water before filtration:	After fi	iltration:						
Reaction upon addition of preservat	ives? YES	NO explain:						
Appearance of Water: (Clear/Slight	ly Turbid/Turbid	d/Very Turbid)						
Well condition: Good								
Non-Harmon Bill		,						
		$a l \cdot l c$						
Signature:		Date: 9/24/08						
		• • • •						

cility Name: GP			KEI Project #: 2829e-001/003								
Sample I.D.: 173	>			Well Location:							
L. L. india.											
Monit	oring Well Da	ta				Sample	Types (cir	cle all app	licable)		
Well Material	6	(PVC)SS	S/Teflo	n)	₩40	nitoring W					
Inside Diameter, in.	_	(10	(34.6)		1/	h/Compos					
Stick up or stick down	height –			ft	 						
Total depth of well (T		17.6	7	ft			plicate ID:)		
Depth to product				ft	}	/MSD			/		
Depth to product Depth to water (DTW)	· -	13.33		ft	Oth						
Depth to water (D1 w	<i></i>	سادر عمر ا		11							
	1:		. ac			Mior	opurge sai	mpling			
Conventional		= (OR⇒	D 41	£			mpung			
Height of water colum	n					mp placem	eni	1/	// > +		
(H = TD - DTW)	N -4-	_ft		· · ·		d-screen)	1 110		4,67 f Y/N		
Conversion value (CV	***************************************					ged from fl	low cell?				
1 Well volume = $H \times G$	***************************************	gal				1 > 0.3 feet	10	***************************************	Y/N		
3 Well volumes =	**************************************	gal				sampling	used?	***************************************	Y/N		
Purge method				Flowrat					mL/mir		
(B = bailer, P = pur	1/										
*Conversion values (g	al/ft): 1" dia =	0.04, 2"	dia = 0).16, 4" d	ia =	0.65, 6" di	a = 1.47				
leld Test(s)	Stability	Result	Resu	<u>ılt Res</u>	<u>ult</u>	<u>Result</u>	<u>Result</u>	Result	<u>Result</u>		
Performed	Range	(3 min)	<u>(6 mi</u>			(12 min)	<u>(15 min)</u>	(18 min)	(21 min)		
Temperature (°C)	+/- 3%	18,99	19,01	<u>, 31 </u>	79	· CALLES CONTROL CONTR	H-1				
Spec. Cond (µmhos)	+/- 3%	672	672		<u></u>						
D.O. (mg/L)	+/- 10%**	1.2(1,20	1.(9							
pН	+/- 0.1	10,52	10.21	1 10,4	0						
ORP (mV)	+/- 10 mV**	35.6	38.7	38.	(
Turbidity (NTU)	+/- 10%**								45		
$H_2S (mg/L)$											
Fe^{2+} (mg/L)						Water was transferred and the contract of	Process from the contract of t				
Check stability after the	ree readings an	d every r	eading	thereafte	er un	til achieve	d.				
**Only one of these pa											
Observations:											
Volume of water purge	ed from well:		gallons	\$							
Sample Date: 9 /	14/08 -	S	ample '	Time: /	2:	<u>/0</u> (mili	tary time)				
Was metals sample fil								rtridge / oth	ier:		
Color of water before					•	Charles and the same of the sa	·	_			
Reaction upon addition	n of preservativ	es? Y	ES 1	х ex	plair	1:	-				
Appearance of Water:	(Clear/Slightly	Turbid/	Turbid	1 /	_						
Well condition: 600				,	,						
900	V	-									
spannerson								*			
2	\						/	10			
Signature:	11 ~ 4					_ Date:	9/24	10 X			
	MUC	The state of the s		· · · · · · · · · · · · · · · · · · ·			TI I	· ·			

cility Name: GP	KEI Project #: 2829e-001/003									
Sample I.D.: 156				Well Loc	ation:					
Monito		Sample Types (circle all applicable)								
Well Material		(PVC)SS	/Teflon)	Aoni toring W	/ell				
Inside Diameter, in.	****	(102	4 6)		rab/Compos	site				
Stick up or stick down h	neight -		f	t s	plit Sample					
Total depth of well (TD	_	18.6	f	t I	Suplicate (Du	plicate ID:)		
Depth to product	<i>'</i>		f	it N	/IS/MSD					
Depth to water (DTW)	_	稻位)35 f	t c	Other					
Depth to water (DTH)										
Conventional sampling ←OR⇒ Micropurge sampling										
				Denth of r	oump placem					
Height of water column		ft	-		nid-screen)	CIII	/5	6 f		
(H = TD - DTW)	*				urged from f	low cell?		Y/N		
Conversion value (CV)		~1		1	wn >0.3 feet	low cell:	****	Y/N		
1 Well volume = $H \times C$		gal	-			naed?		Y/N		
3 Well volumes =		gal	i	was passi Flowrate =	ve sampling	useu:		mL/mir		
Purge method) D / D					1100 000001	e #	11112/11111		
B = bailer, P = pum	p) B/P				r from contro		C #			
*Conversion values (gal	1/H): 1" dia =	0.04, 27	$a_1a=0.$	16, 4" dia	= 0.65, 6 (1)	a - 1.47				
		- 1.	1	, p 1	D 1	D14	D14	Dagult		
leld Test(s)	Stability	Result	Result	-		Result	Result	Result		
Performed	Range	(3 min)	(6 min			(15 min)	(18 min)	(21 min)		
Temperature (°C)	+/- 3%	1794	17.83	17.88						
Spec. Cond (µmhos)	+/- 3%	952	940	_ <u>930</u> _	936					
	+/- 10%**	170	.62		160					
pH	+/- 0.1	14.00	14,00	14.08	14.00					
()	-/- 10 mV**	-23.5	<u>-43</u>	<u>-26,9 </u>	-30.0					
1	+/- 10%**			- man			***************************************			
$H_2S (mg/L)$										
Fe ²⁺ (mg/L)										
Check stability after three				hereafter	until achieve	d.				
**Only one of these par	ameters must	reach sta	bility.			•				
		*								
Observations:										
Volume of water purged	i from well: _	{	gallons	. 10	411					
Volume of water purged Sample Date: 9/2 Was metals sample filte	1105	Sa	ample T	ime: <u>//</u>	: 10 (mili	tary time)				
Was metals sample filte	red prior to pr	reservatio	n? Y	ES NO	method: ().45 µm cai	rtridge / oth	er:		
Color of water before in	111 at 1011		riter riti							
Reaction upon addition	of preservativ	The same of the sa	-		ain:					
Appearance of Water: (y Turbid/	Γurbid/\	Very Turb	id)					
Well condition: 601)										
•										
						. 1				
$\mathcal{U} \parallel$					_	abill.	~			
Signature:					Date:	7/47/0	0			
(/	* The second second					t ,				

cility Name: GP			KEI Project #: 2829e-001/003					
sample I.D.: 151			ocation:					
Monitoring Well Data			Sample Types (circle all applicable)					
Well Material	(PVC)SS/Tet	flon)	Aonitoring Well					
Inside Diameter, in.	(1246)		Grab/Compos	site				
Stick up or stick down height		ft	Split Sample					
Total depth of well (TD)	18.6	ft	Duplicate (Du	iplicate ID:)		
Depth to product		ft	MS/MSD					
Depth to water (DTW)	14.33	ft	Other					
Conventional sampling	⇔OR=	>	Micr	opurge sar	mpling			
Height of water column		Depth	of pump placem	ent		,		
(H = TD - DTW)	ft	(plac	ce mid-screen)				f	
Conversion value (CV)* x		Bubble	s purged from f	low cell?		Y/N		
1 Well volume = H x CV =	gal	Is draw	down >0.3 feet			Y/N		
3 Well volumes = =	gal	Was pa	assive sampling	used?		Y/N		
Purge method		Flowra	te =			mL/m	ir	
(B = bailer, P = pump) B/1	P	ID nun	nber from contro	e #				
*Conversion values (gal/ft): 1" dia	= 0.04, 2" dia =	= 0.16, 4"	dia = 0.65, 6" di	ia = 1.47				
leld Test(s) Stability	Result Re	sult <u>Re</u>	<u>sult</u> <u>Result</u>	Result	Result	<u>Result</u>		
Performed Range		<u>min) (9 1</u>	<u>min)</u> (12 min)	(15 min)	(18 min)	(21 min)		
Temperature (°C) +/- 3%	16.29 16.	17 161	6 1620					
Spec. Cond (µmhos) +/- 3%	737 74	73						
D.O. (mg/L) +/- 10%**	2.28 1.	67 lile						
pH +/- 0.1		00 14						
ORP (mV) +/- 10 mV**	-87.9 -88	1.1 459	1 -8912					
Turbidity (NTU) +/- 10%**								
$H_2S (mg/L)$								
Fe^{2+} (mg/L)			and the state of t					
Check stability after three readings a			ter until achieve	d.				
**Only one of these parameters mus	t reach stabilit	у.						
Observations:								
Volume of water purged from well:	gallo	ns	11 10					
Sample Date: <u>9 / 24 / 08</u>	Samp	le Time: 🔟	<u>// : /// (</u> mili	tary time)				
Volume of water purged from well: Sample Date: 9/24/00 Was metals sample filtered prior to	preservation?	YES A	Momethod: (0.45 µm cai	rtridge / oth	ier:		
Color of water before filtration:	After	filtration:	-					
Reaction upon addition of preservat	ives? YES		xplain:					
Appearance of Water: (Clear/Slight	ly)Turbid/Turb	id/Very T	urbid)					
Well condition: 400								
N N				,	/			
)		Date:	pholi	~			
Signature:			Date:	4/24/0	1			
\ \ \ / / ·				ŧ				

ecility Name: GP			KEI Project #: 2829e-001/003				
sample I.D.: /57			Well Location:				
Monitoring Well Da	ta		Sample	Types (cir	cle all app	licable)	
Well Material	(PVC)SS/Tet	flon)					
Inside Diameter, in.	(1246)		Grab/Compos	site			
Stick up or stick down height		ft	Split Sample				
Total depth of well (TD)	17.6	ft	Duplicate (Duplicate ID:)	
Depth to product		ft	MS/MSD				
Depth to water (DTW)	1218	ft	Other				
	12.0						
Conventional sampling	⇒OR=	>	Micr	opurge sar	mpling		
Height of water column	. 021		of pump placem				
(H = TD - DTW)	ft		e mid-screen)		14	. 6 f	
Conversion value (CV)* x		I **	s purged from f	low cell?		Y/N	
1 Well volume = H x CV =	gal	l l	down >0.3 feet			Y/N	
3 Well volumes = =	gal		ssive sampling	used?		Y/N	
Purge method	<u> </u>	Flowra				mL/mir	
(B = bailer, P = pump) B / P			ber from contro	oller consol	e #		
*Conversion values (gal/ft): 1" dia =	 -0.04_2" dia =						
Conversion varies (gante). I did	0.01,2 ala	0.10,	3,00,00,000				
leld Test(s) Stability	Result Re	sult Re	sult Result	Result	Result	Result	
Performed Range		min) (9 r		(15 min)	(18 min)	(21 min)	
Temperature (°C) +/- 3%	15.54 15.			}	· · · · · · · · · · · · · · · · · · ·		
Spec. Cond (µmhos) +/- 3%	Wet Ide						
D.O. (mg/L) +/- 10%**	1.18 .98			-,			
pH +/- 0.1	14.00 14.		<u>a</u>				
1 T	-83,3 -84						
Turbidity (NTU) +/- 10%**							
$H_2S (mg/L)$							
Fe^{2+} (mg/L)							
Check stability after three readings ar	nd every reading	ng thereaft	er until achieve	d.			
**Only one of these parameters must							
	·						
Observations:							
Volume of water purged from well:	gallo	ns					
Sample Date: 9 / 24 / 08	Samp	le Time:	<u>// : 90</u> (mili	tary time)			
Was metals sample filtered prior to preservation? YES We method: 0.45 µm cartridge / other:							
Color of water before filtration: After filtration:							
Reaction upon addition of preservatives? YES NO explain:							
Appearance of Water: (Clear/Slightly Turbld/Turbid/Very Turbid)							
Well condition: Gov							
	_			. 1			
() ()			_	abula	V		
Signature:	<u> </u>		Date:	-1/-7/0	1		

ncility Name: GP			KEI Project #: 2829e-001/003							
Sample I.D.: 164			Well Location:							
L										
Moni	toring Well Da	ıta				Sample	Types (cir	cle all app	licable)	
Well Material	6	(PVC)S	S/Teflo	on)	₩	nitoring W				
Inside Diameter, in.	-	(1246)			1/	h/eompos				
Stick up or stick down	n height			ft	1	it Sample				
Total depth of well (T		25		ft	Duplicate (Duplicate ID:)		
Depth to product				ft	1	/MSD `	•		,	
Depth to product Depth to water (DTW)	<u>-</u>	19.	ala	ft	Oth					
Departo water (DT #)	1 / 1								
Conventions	Laampling		OR⇒			Micr	opurge sai	mpling		
Conventiona		—	UK⇒	Dandle				nping		
Height of water colun	nn				-	mp placem	ent	2	2	f
(H = TD - DTW)	T\ ds	ft		,		d-screen)	1 110		Y/N	1
Conversion value (CV				į.	_	ged from f	iow ceii?			
1 Well volume = $H x$	***************************************	gal				1 > 0.3 feet	10		Y/N	
3 Well volumes =	Accordence of the Control of the Con	gal		1 *		sampling	used?	***************************************	Y/N	-
Purge method				Flowra					mL/m:	II.
(B = bailer, P = pu	mp) B/P	1					oller consol	e #		
*Conversion values (g	gal/ft): 1" dia =	0.04, 2"	dia = 0	0.16, 4" (lia =	0.65, 6" di	a = 1.47			
leld Test(s)	Stability	Result	Rest	<u>ılt</u> <u>Res</u>	sult	<u>Result</u>	<u>Result</u>	<u>Result</u>	Result	
Performed	Range	(3 min)	(6 m	<u>in) (9 n</u>	nin)	(12 min)	(15 min)	(18 min)	(21 min)	
Temperature (°C)	+/- 3%	16.34	1603							
Spec. Cond (µmhos)	+/- 3%	895	893	<u>5 89</u>	6_		***************************************			
D.O. (mg/L)	+/- 10%**	.89	. 63		ř		A	AND THE RESERVE OF TH		
pН	+/- 0.1	14.00	14.00	14,0	0_	BANKS	MANAGEMENT OF THE PARTY OF THE			
ORP (mV)	+/- 10 mV**	-104,0	-104	2 -104	.5		***************************************			
Turbidity (NTU)	+/- 10%**						***************************************	A		
H_2S (mg/L)								****		
Fe^{2+} (mg/L)							WOODSTREET, WHITE CO.	AND CONTRACTOR OF THE CONTRACT		
Check stability after the	nree readings ar	nd every	reading	thereaft	er un	til achieve	d.			
**Only one of these p										
,										
Observations:										
Volume of water purg	ed from well:		gallons	S						
Sample Date: 9 /	24/08	S	Sample	Time: /	2:	10 (mili	tary time)			
Sample Date: 9 / 24 / 08 Sample Time: 12 : 10 (military time) Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other:										
Color of water before filtration: After filtration:										
Reaction upon addition of preservatives? YES NO explain:										
Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)										
Well condition: Good										
The second secon	,									
entropissus	.									
N N							1.1	,		
Signature:	M					Date:	9/24/0	r		
	1					***************************************	* <i>t</i> *			

·					
cility Name: GP	KEIP	KEI Project #: 2829e-001/003			
		Location:			
Monitoring Well Data		Sample Types (c	circle all applicable)		
	SS/Teflon)	Monitoring Well			
Inside Diameter, in. (10	246)	Grah/Composite			
Stick up or stick down height	ft	Split Sample			
Total depth of well (TD)	ft	Duplicate (Duplicate II	D:)		
Depth to product	ft	MS/MSD			
Depth to water (DTW)	ft	Other			
Conventional sampling	=OR⇒	Micropurge s	ampling		
Height of water column		of pump placement			
(H = TD - DTW) ft	, .	ce mid-screen)	f		
Conversion value (CV)* x	·-	es purged from flow cell?	Y/N		
1 Well volume = $H \times CV$ = gal		vdown >0.3 feet	Y/N		
3 Well volumes = gal		assive sampling used?	Y/N		
Purge method	Flowr		mL/mi		
(B = bailer, P = pump) B/P		nber from controller cons			
*Conversion values (gal/ft): 1" dia = 0.04 , 2			OTO 11		
Conversion values (gai/it). 1 dia = 0.04, 2	dia 0.10, 4	dia 0.05, 0 dia 1.17			
eld Test(s) Stability Result	Result Re	esult Result Result	Result Result		
Performed Range (3 min		$\frac{1}{\text{min}}$ $\frac{1}{12 \text{ min}}$ $\frac{1}{15 \text{ min}}$			
Temperature (°C) +/- 3% 20.28					
Spec. Cond (μmhos) +/- 3% />20		321			
D.O. (mg/L) +/- 10%** 4.34	4.35 7.				
pH +/- 0.1 /4.00		(00)			
ORP (mV) +/- 10 mV** -(4.2	151 -14				
Turbidity (NTU) +/- 10%**					
$H_2S (mg/L)$					
Fe ²⁺ (mg/L)					
Check stability after three readings and every	reading thereat	ter until achieved.			
**Only one of these parameters must reach s					
-					
Observations:					
Volume of water purged from well:	gallons	, §			
Sample Date: 9/29/08	Sample Time: !	: 00 (military time			
Was metals sample filtered prior to preservat	ion? YES	NO method: $0.45 \mu \text{m}$	cartridge / other:		
Color of water before filtration:	After filtration	•			
Reaction upon addition of preservatives?		explain:			
Appearance of Water: (Clear/Slightly Turbic	I/Turbid/Yery T	'urbid)			
Well condition: 4000					
	\	,	1		
)	Date: $\frac{9}{24}$	loc		
Signature:	<u> </u>	Date:	· -		

ecility Name: GP	KEI Project #: 2829e-001/003			
sample I.D.: 16/	Well Location:			
Monitoring Well Data	Sample Types (circle all applicable)			
Well Material (PVC)SS/Tef				
Inside Diameter, in. (1246)	Grab/Composite			
Stick up or stick down height	ft Split Sample			
Total depth of well (TD)	ft Duplicate (Duplicate ID:)			
Depth to product	ft MS/MSD			
Depth to product Depth to water (DTW)	ft Other			
Depui to water (D1 w)	It Other			
	Missansuga compling			
(Conventional sampling) ←OR⇒				
Height of water column	Depth of pump placement			
(H = TD - DTW) ft	(place mid-screen) f			
Conversion value (CV)* x	Bubbles purged from flow cell? Y/N			
1 Well volume = H x CV _= gal	Is drawdown >0.3 feet Y/N			
3 Well volumes = gal	Was passive sampling used? Y/N			
Purge method	Flowrate = mL/min			
(B = bailer, P = pump) B / P	ID number from controller console #			
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia =	= 0.16, 4" dia $= 0.65, 6$ " dia $= 1.47$			
eld Test(s) Stability Result Re	sult Result Result Result Result Result			
	min) (9 min) (12 min) (15 min) (18 min) (21 min)			
Temperature (°C) +/- 3% 19.46 19.46				
Spec. Cond (μmhos) +/- 3% 1708 170				
D.O. (mg/L) +/- 10%** j.3 4 1.46				
pH +/- 0.1 14.00 14.0				
ORP (mV) +/- 10 mV** -6.2 -6.				
Turbidity (NTU) +/- 10%**				
$H_2S \text{ (mg/L)}$				
Fe ²⁺ (mg/L)				
Check stability after three readings and every reading	ag thereafter until achieved			
**Only one of these parameters must reach stability				
Only one of these parameters must reach stubinty	y•			
Observations:				
Volume of restor purged from reall:	ne			
Volume of water purged from well:gallon	e Time: 13 : 30 (military time) YES NO method: 0.45 µm cartridge / other:			
Sample Date. 7 / 61 / 61 Sample	VES AND method: 0.45 um cartridge / other:			
was metals sample filtered prior to preservation?	filtretion:			
Color of water before filtration: After Reaction upon addition of preservatives? YES				
Appearance of Water: (Clear/Slightly Turbid/Turbid	id very rurbid)			
Well condition: 4000				
\sim				
	>			
	Date: 9/24/07			
Signature:	Date: // "			